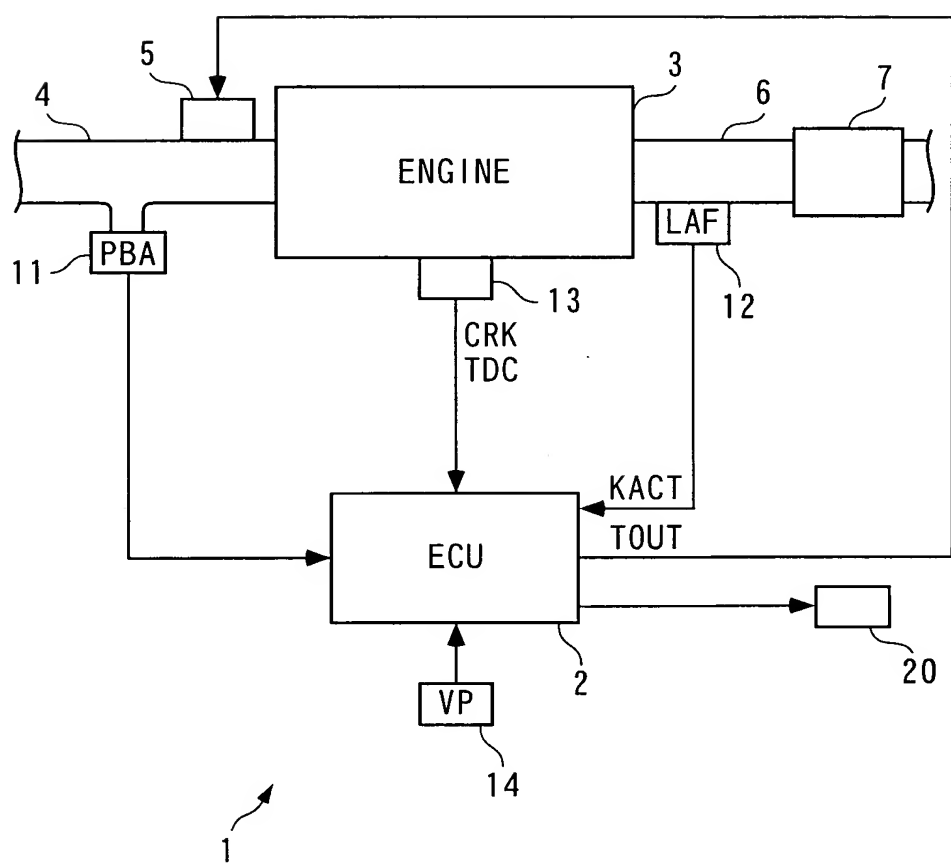
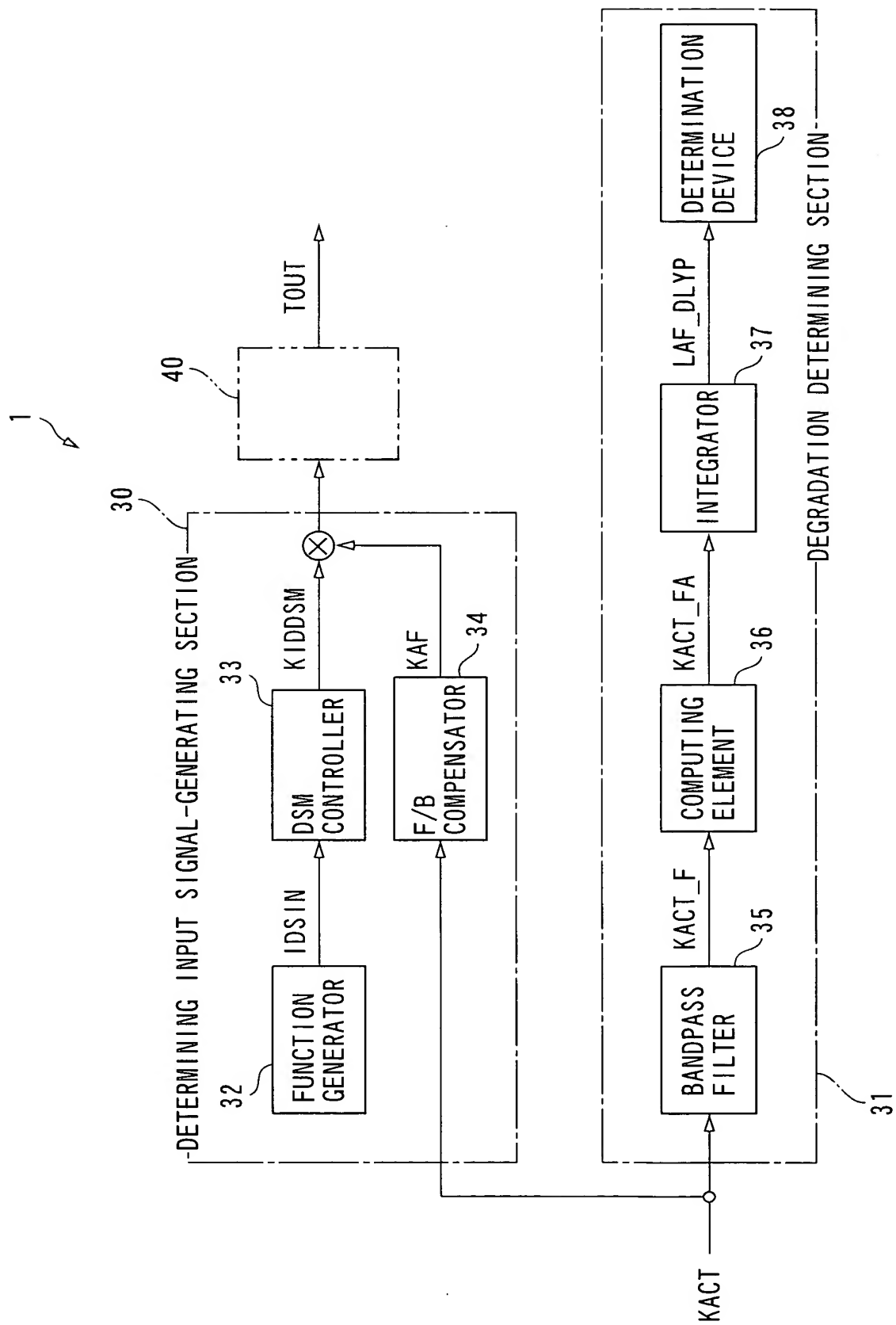


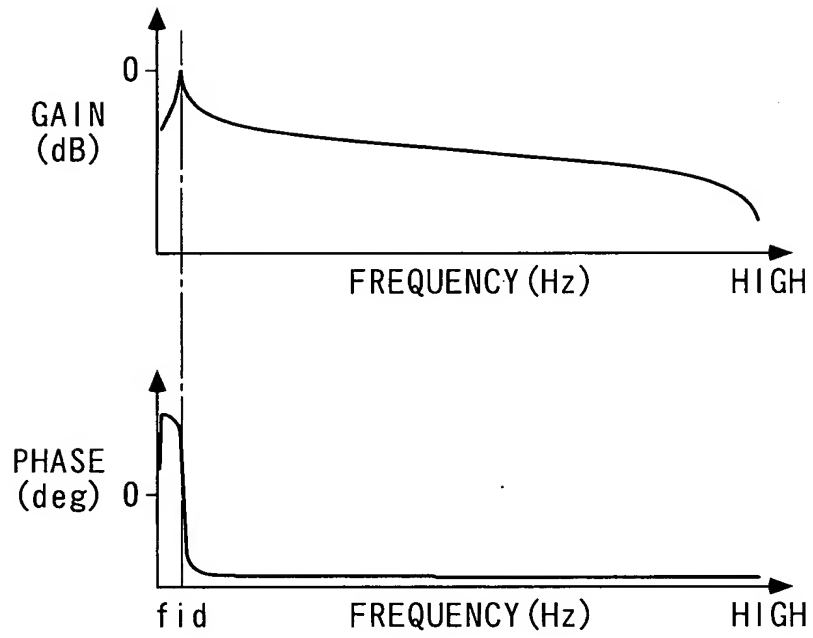
F I G . 1



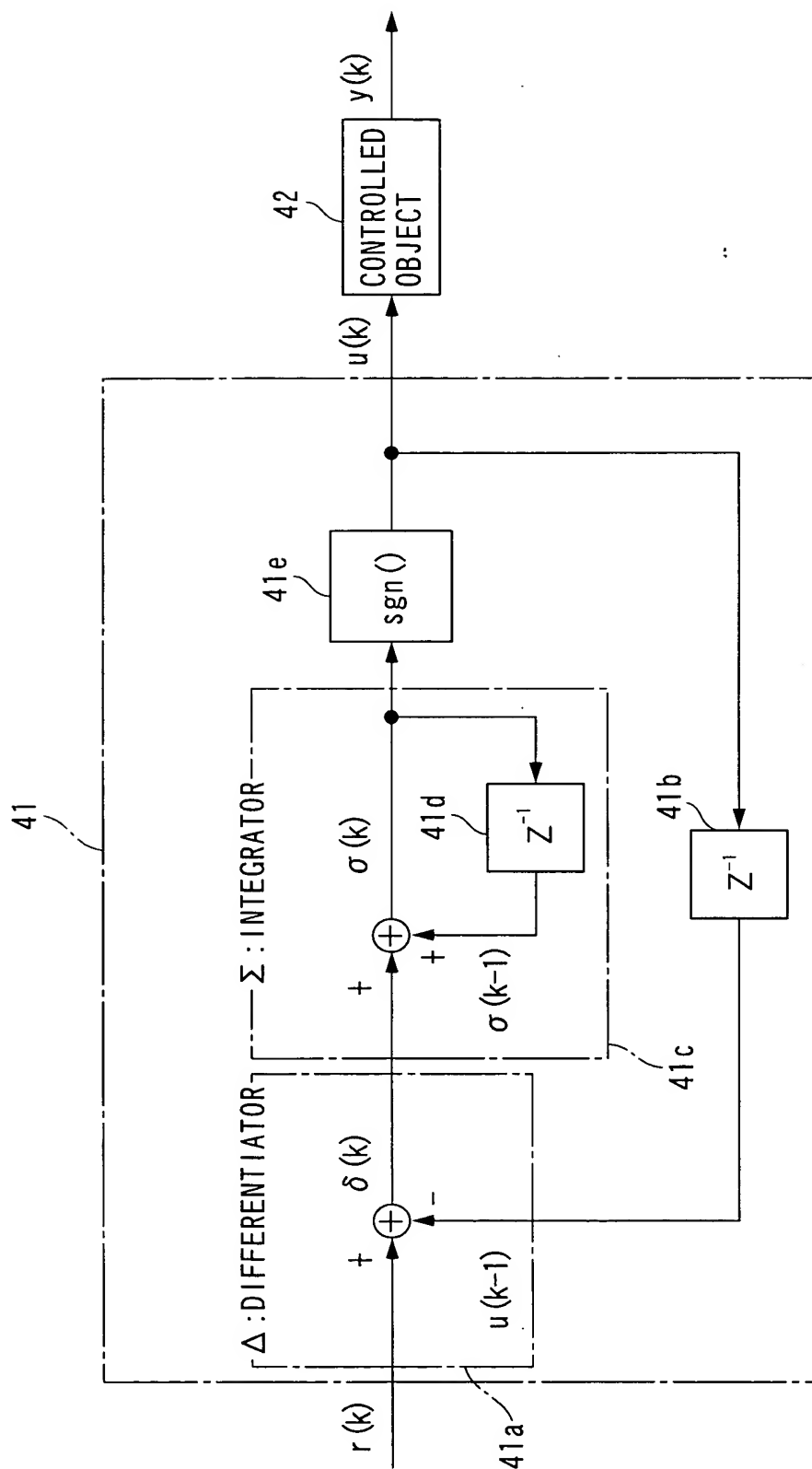
F I G . 2



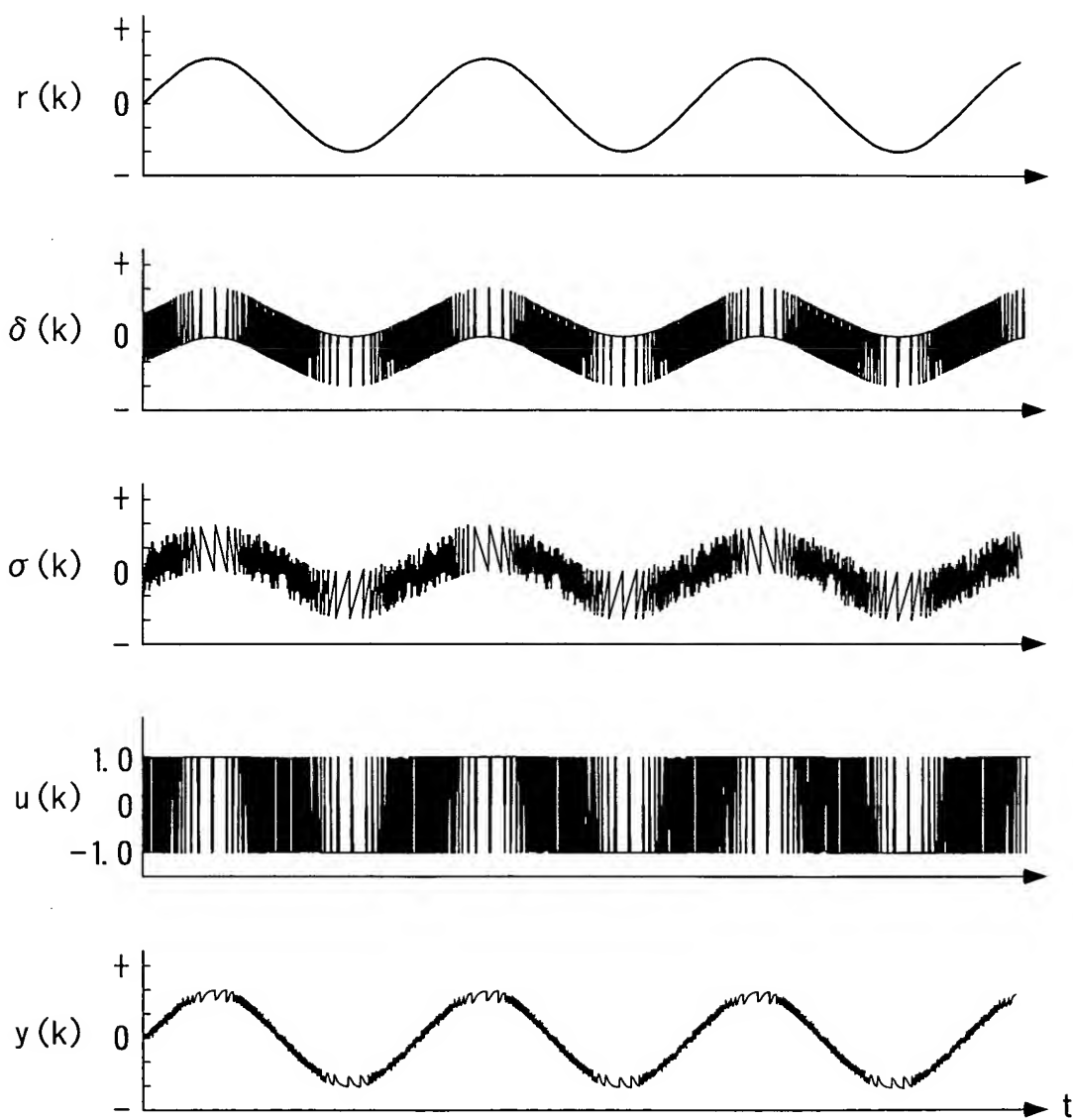
F I G . 3



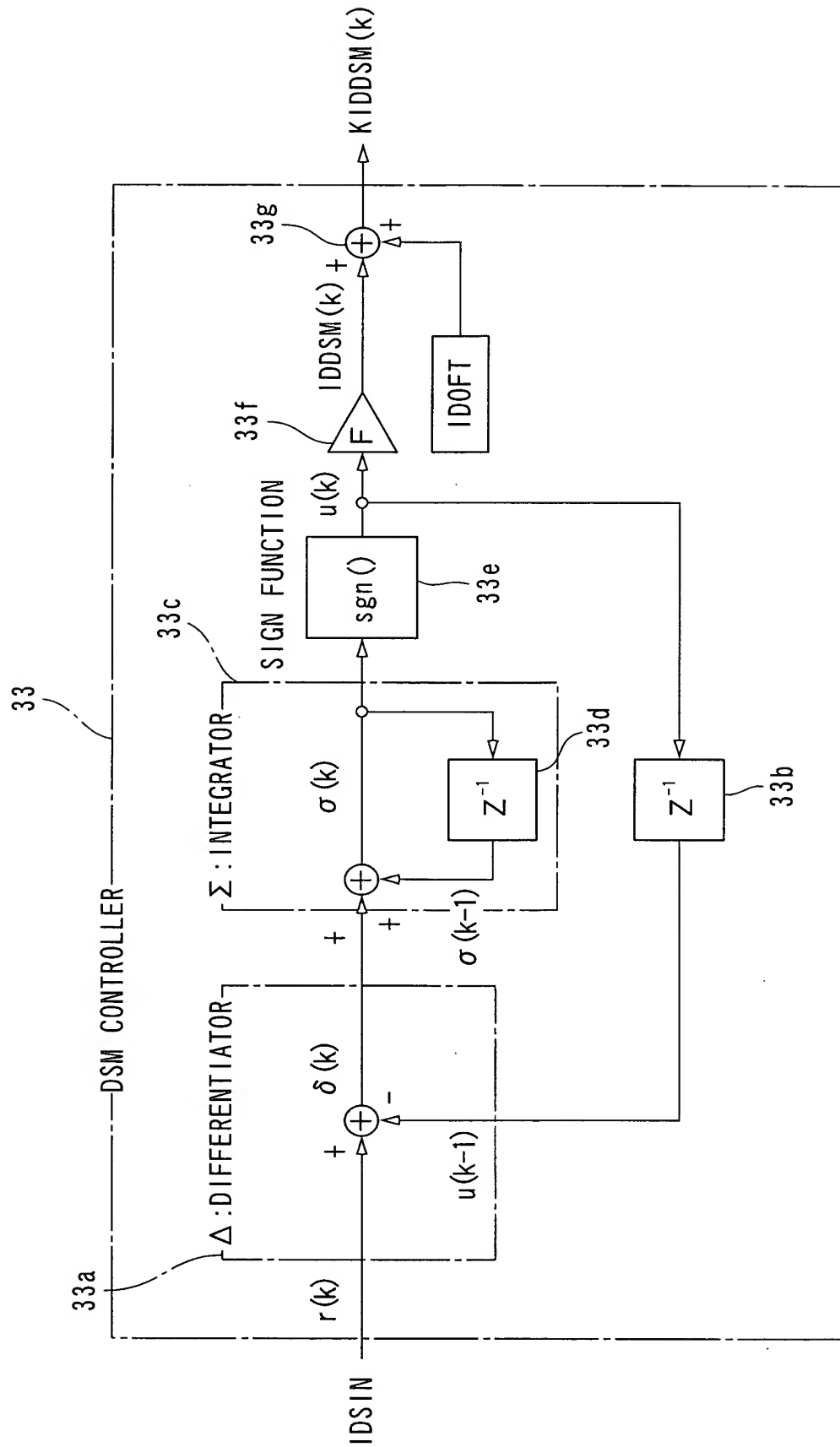
F I G . 4



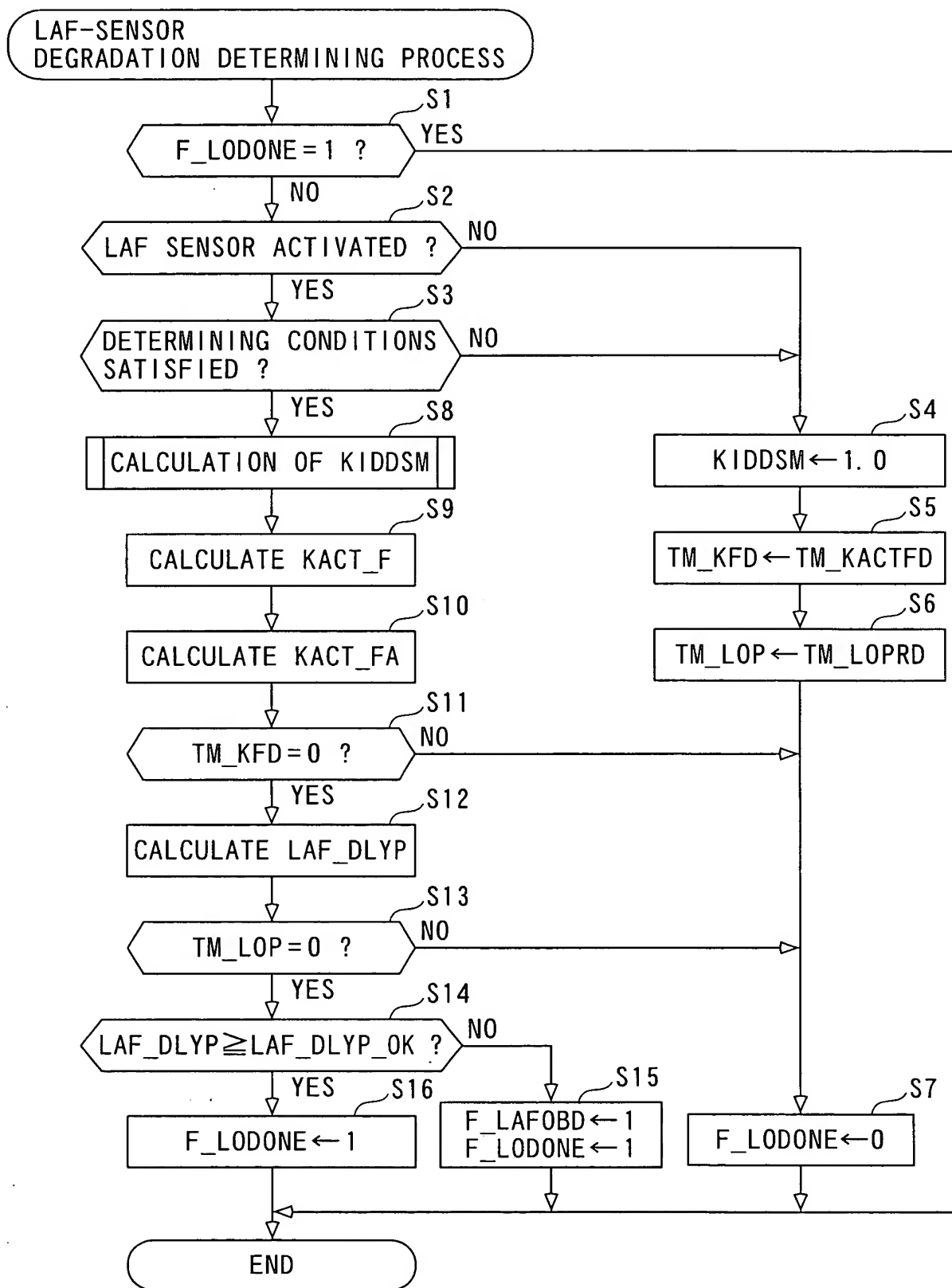
F I G . 5



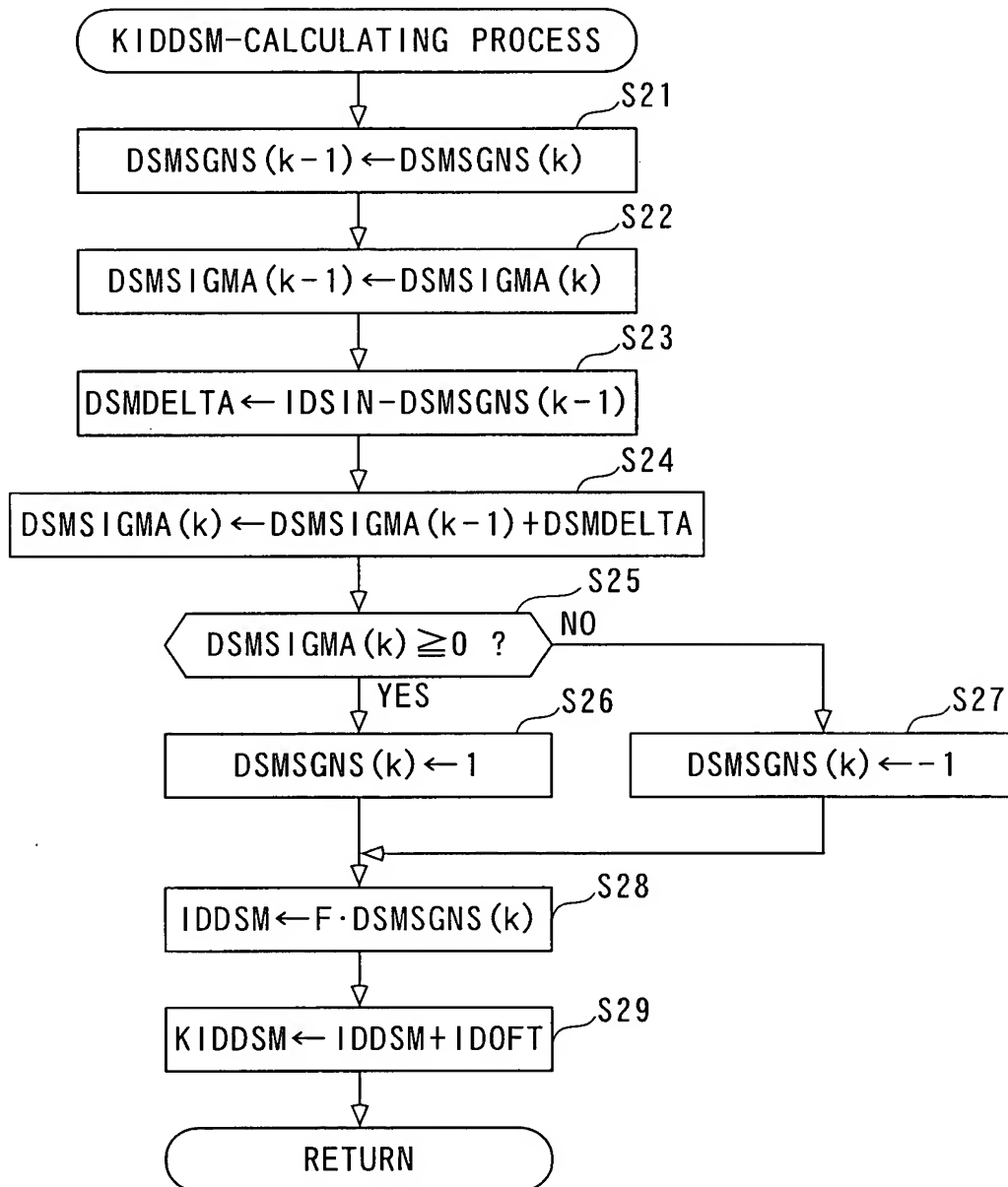
F I G . 6



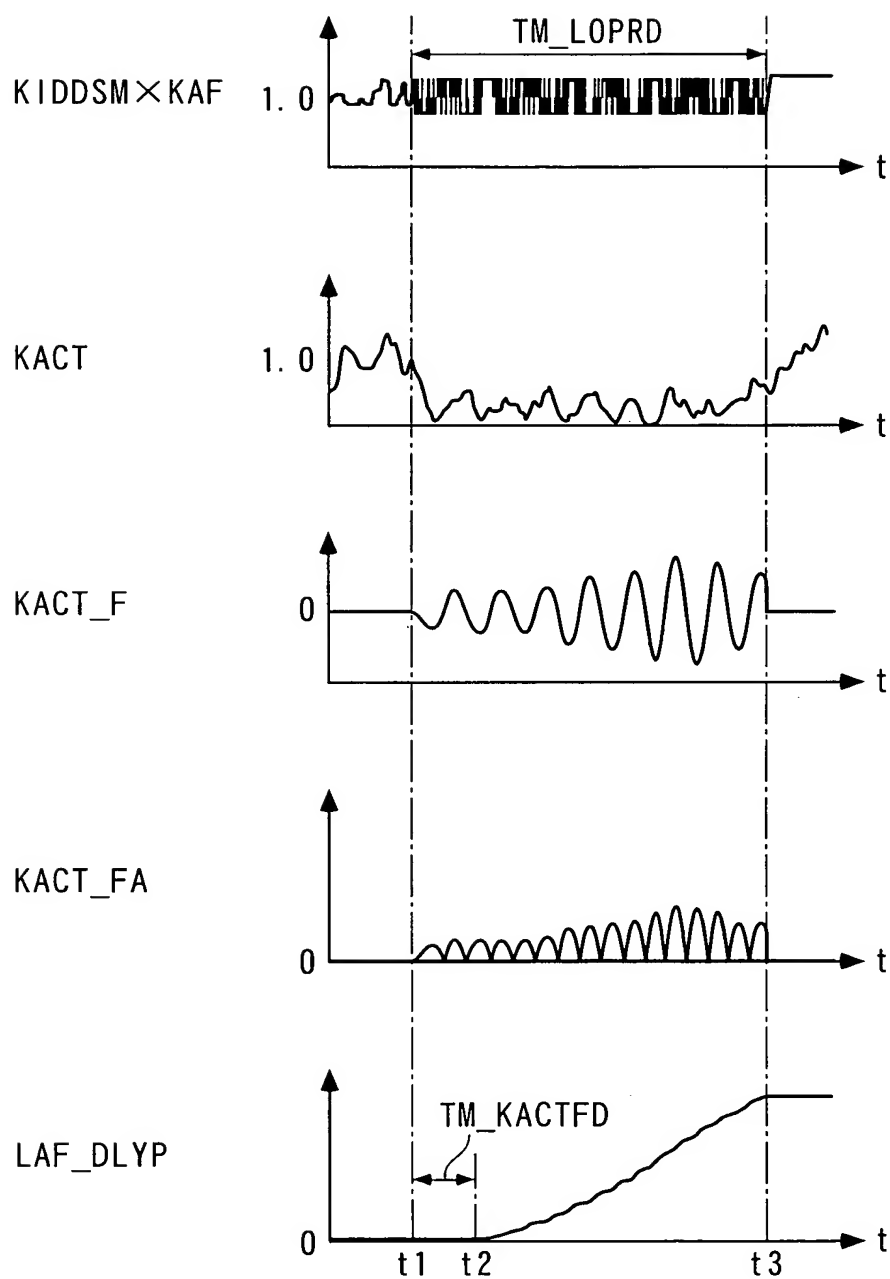
F I G . 7



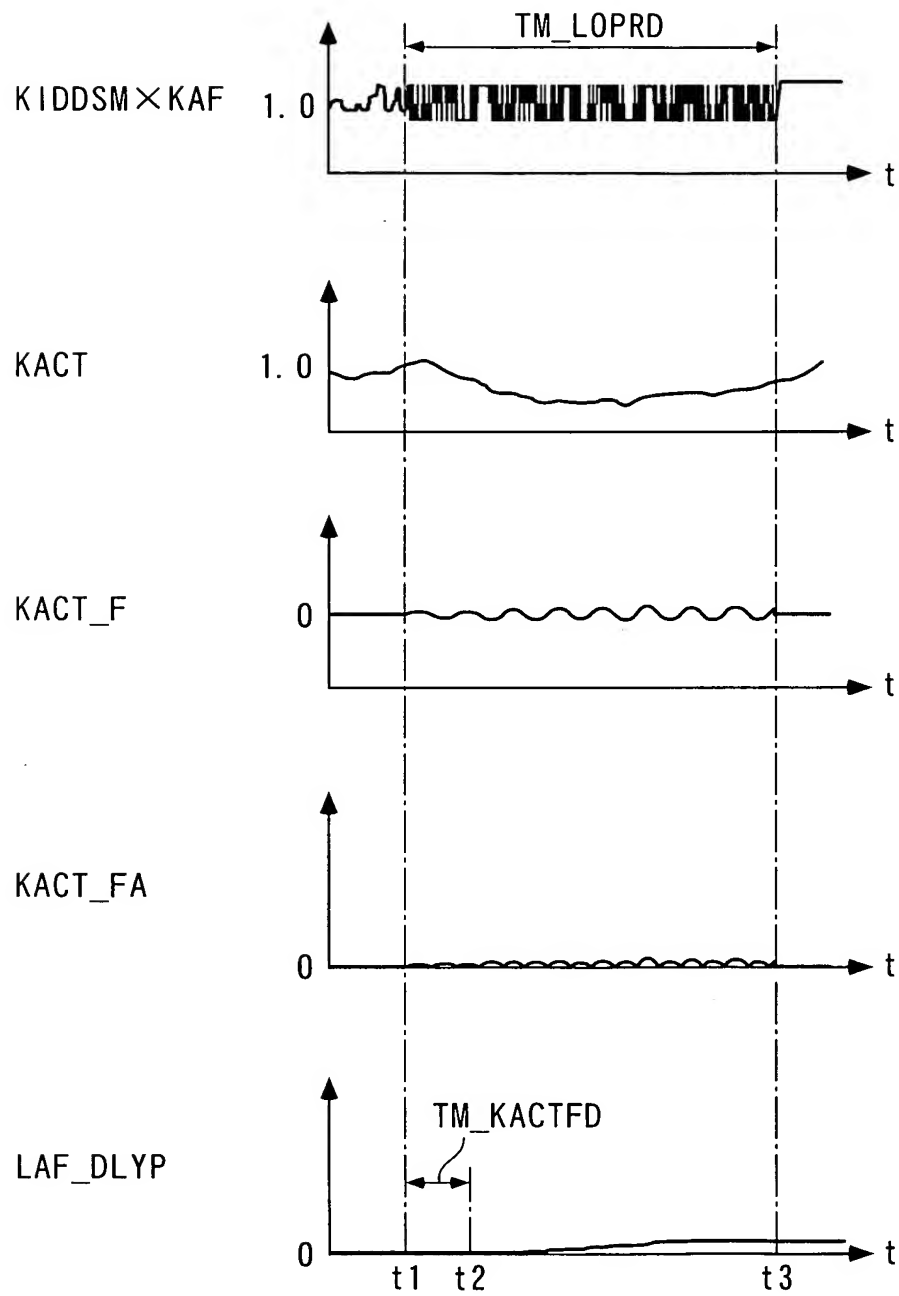
F I G . 8



F I G . 9



F I G. 1 0

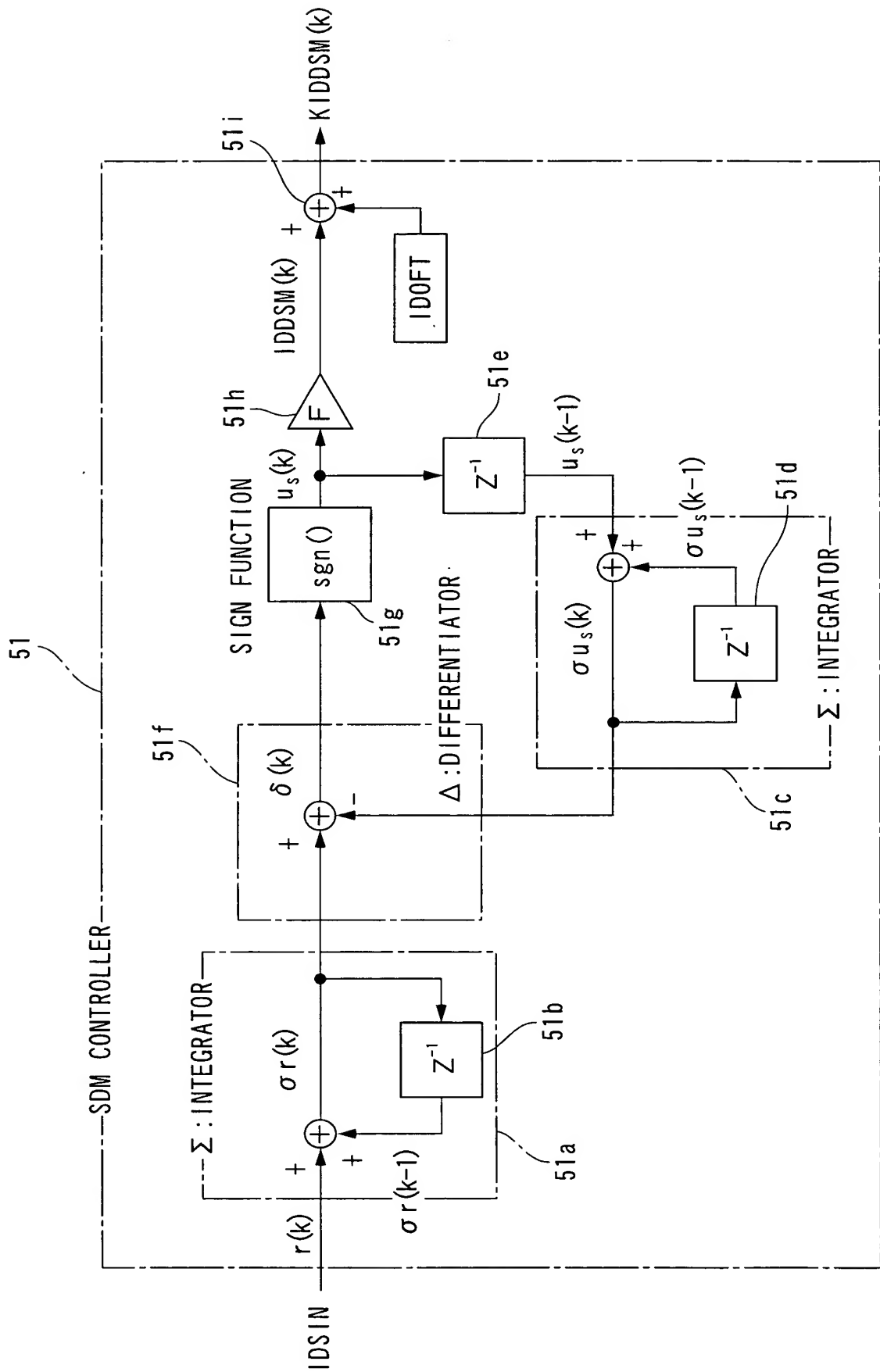


```

graph TD
    Start([LAF-SENSOR  
DEGRADATION DETERMINING PROCESS]) --> S1{F_LODONE = 1 ?}
    S1 -- YES --> End([END])
    S1 -- NO --> S2{LAF SENSOR ACTIVATED ?}
    S2 -- NO --> S4[KIDDSM ← 1.0]
    S2 -- YES --> S3{DETERMINING CONDITIONS  
SATISFIED ?}
    S3 -- NO --> S4
    S3 -- YES --> S8[CALCULATE KIDDSM]
    S8 --> S9[CALCULATE KACT_F]
    S9 --> S10[CALCULATE KACT_FA]
    S10 --> S11{TM_KFD = 0 ?}
    S11 -- NO --> S4
    S11 -- YES --> S30{KACT_FA ≥ KACTREF ?}
    S30 -- NO --> S4
    S30 -- YES --> S31[CNT ← CNT + 1]
    S31 --> S32{TM_LOP = 0 ?}
    S32 -- NO --> S4
    S32 -- YES --> S33{CNT ≥ CNTREF ?}
    S33 -- NO --> S15[F_LAFOB ← 1  
F_LODONE ← 1]
    S33 -- YES --> S16[F_LODONE ← 1]
    S4 --> S5[TM_KFD ← TM_KACTFD]
    S5 --> S6[TM_LOP ← TM_LOPRD]
    S6 --> S7[F_LODONE ← 0]
    S15 --> End
    S16 --> End
    S7 --> End

```

F I G . 1 2



F I G. 1 3

